

SAFETY DATA SHEET

Paint remover



SECTION 1. PRODUCT INFORMATION

Chemical Name: Paint Remover

ITEM NO.: SP-3015

Health: 2

Flammability: 4

Reactivity: 0

Classification of Hazardous Nature: Hazardous according to NZ Dangerous Goods and Toxic Substance Regulations.

UN Number: 1950

Dangerous Goods Class: 2.1

Toxic Substances Schedule: THIRD

Packing Code: 11

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight %
Dichloromethane {Methylene chloride}	75-09-2	70.0 -95.0 %
Methanol	67-56-1	1.0 -4.0 %
Nonylphenol Ethoxylate}	9016-45-9	1.0 -4.0 %

SECTION 3. Physical Description/Properties

Physical States: Solid

Melting Point: No data.

Boiling Point: 104.00 F - 150.00 F

Auto ignition Pt: No data.

Flash Pt: -142.50 F Method Used: Closed Cup

Explosive Limits: LEL: 1.8 UEL: 9.5

Specific Gravity (Water = 1): No data.

Density: 10.48 - (of liquid) LB/GL at 75.0 F

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): > 1

Evaporation Rate (vs Butyl

Acetate=1): < 1

Solubility in Water: No data.

Percent Volatile: 96.1 % by weight.

Corrosion Rate: No data.

PH: No data.

Orange yellow color.

SECTION 4. HEALTH HAZARD INFORMATION

Flash Point(°F): N/E

Extinguishing Media

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures:

Cool fire exposed containers with water fog.

Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

Unusual Fire and Explosion Hazard: None

SECTION 5. FIRST AID MEASURES

Emergency and First Aid Procedures

INHALATION:

If user experiences breathing difficulty, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SKIN CONTACT:

Wash with soap and water. Get medical attention if irritation from contact persists.

EYE CONTACT:

Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

INGESTION:

Call your poison control center, hospital emergency room, or physician immediately for instructions.

Note to Physician

This product contains methylene chloride and methanol.

This product contains methanol which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol concentrations above 20 ug/dl. Methanol is effectively removed by hemodialysis. Adrenalin should never be given to a person overexposed to methylene chloride.

Methylene Chloride is an aspiration hazard. Risk of aspiration must be weighed against possible toxicity of the material when determining whether to induce emesis or to perform gastric lavage. This material sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in individuals exposed to this material. This material is metabolized to carbon monoxide. Consequently, elevations in carboxyhemoglobin as high as 50% have been reported, and levels may continue to rise for several hours after exposure has ceased. Data in experimental animals suggest there is a narrow margin between concentrations causing anesthesia and death.

SECTION 6. FIRE FIGHTING MEASURES

Fire Fighting Instructions

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards

Aerosol Flammability Classification according to ASTM D-3065-77 and FHSA 1500.45.

CPSC FLAMMABILITY: Non-Flammable Aerosol - Level 1

Propellant: Carbon Dioxide

toxic gases and a corrosive residue that will cause deterioration of metal.

Flashpoint of liquid only: No flash to boiling ~104 F

Hazardous Combustion Products

Combustion may produce carbon monoxide and carbon dioxide.

Extinguishing Media

Use carbon dioxide, dry powder, or foam.

Unsuitable Extinguishing Media

No data available.

SECTION 7. ACCIDENT RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut of ignition sources; keep flares, smoking or flames out of hazard area.

Small Spills: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large Spills: dike far ahead of spill for later disposal.

SECTION 8. HANDING AND STORAGE

Precautions To Be Taken in Handling

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Precautions To Be Taken in Storing

Store in a cool place and protect from sunlight. Exposure to high temperatures or prolonged exposure to sun may cause can to leak or swell. Do not store near flames or at elevated temperatures.

Replace overcap on container after each use.

SECTION 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Equipment (Specify Type)

For occasional consumer use - Use with adequate ventilation to prevent a build-up of vapors in confined areas. Open windows or position fans to provide cross ventilation. If a mild to strong odor is noticeable, ventilation is not adequate.

For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLVs. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved self-contained breathing apparatus for chlorinated solvent vapors.

A dust mask does not provide protection against vapors.

Eye Protection

Safety glasses, chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

Protective Gloves

Wear impermeable gloves. Gloves contaminated with product should be discarded.

Other Protective Clothing

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.)

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

Work/Hygienic/Maintenance Practices

A source of clean water should be available in the work area for flushing of the eyes and skin.

Wash hands thoroughly after use.

Do not eat, drink, or smoke in the work area.

Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use.

Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 10. STABILITY AND REACTIVITY

Stability:

Unstable []

Stable [X]

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

Incompatible with strong oxidizing agents; strong caustics; strong alkalis; oxygen; nitrogen peroxide; chemically active metals such as aluminum and magnesium; sodium; potassium; and nitric acid.

Hazardous Decomposition Or Byproducts

Thermal decomposition may produce carbon monoxide and carbon dioxide, hydrogen chloride, chlorine gas, and small quantities of phosgene.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

No data available.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available.

Chronic Toxicological Effects

No data available.

Carcinogenicity/Other Information

IARC 2B - Possibly Carcinogenic to Humans

ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

Hazardous Components (Chemical Name)	CAS#	NTP	IARC	ACGIH	OSHA
1.Dichloromethane {Methylene chloride; R-30; Freon 30}	75-09-2	Possible	2B	A3	Yes
2.Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	n.a.	n.a.	n.a.	n.a.
3.Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	9016-45-9	n.a.	n.a.	n.a.	n.a.
4. Carbon dioxide	124-38-9	n.a.	n.a.	n.a.	n.a.

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose in accordance with applicable local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

Aerosols, non-flammable
Level 1 Aerosol

DOT Hazard Class:

2.2

DOT Hazard Label:

NONFLAMMABLE GAS

UN/NA Number:

UN1950

AIR TRANSPORT (ICAO/IATA)

ICAO/IATA Shipping Name

Aerosols, Non-Flammable, Containing Substances in Division 6.1, PGIII
1950

UN Number:

Hazard Class:

2.2 (6.1) - Non-Flammable Gas, Poison

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Shipping Name

Aerosols, Non-Flammable Gas, Poison, PGIII

UN Number:

1950

Hazard Class:

2.2 (6.1) - Non-Flammable Gas, Poison

Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The shipper / supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat

Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

SECTION 15. REGULATION INFORMATION

US EPA SARA Title III

Hazardous Components (Chemical Name)

	CAS#	Sec.302	Sec.304RQ	Sec.313(TRI)	Sec.110
1.Dichloromethane {Methylene chloride; R-30; Freon 30}	75-09-2	No	Yes 1000LB	Yes	Yes
2.Methanol {Methyl alcohol; Carbinol; Wood	67-56-1	No	Yes 5000LB	Yes.	No.

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alcohol}

3.Poly(oxy-1,2-ethanediyl),
.alpha.-(nonylphenyl)-.omega.-hydr
{Nonylphenol Ethoxylate} 9016-45-9 No No No No

4. Carbon dioxide 124-38-9 No No No

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name) CAS# EPA CAA EPA CWA NPDE EPA TSCA EPA PROP 65

1.Dichloromethane {Methylene chloride; R-30;
Freon 30} 75-09-2 HAP,ODC() Yes Inventory,4 Test
8A CAIR Yes

2.Methanol {Methyl alcohol; Carbinol; Wood
alcohol} 67-56-1 HAP,ODC() No Inventory No

3.Poly(oxy-1,2-ethanediyl),
.alpha.-(nonylphenyl)-.omega.-hydr
{Nonylphenol Ethoxylate} 9016-45-9 HAP,ODC() No. Inventory,8A PAIR No

4. Carbon dioxide 124-38-9 HAP,ODC() No Inventory No

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes No Acute (immediate) Health Hazard
- Yes No Chronic (delayed) Health Hazard
- Yes No Fire Hazard
- Yes No Sudden Release of Pressure Hazard
- Yes No Reactive Hazard

*****End of TDS*****

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